

Freeform Search

Database: US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Term: (scraper) same (solenoid) same (pipe or tube)

Display: 10 Documents in Display Format: - Starting with
Number 1

Generate: ☐ Hit List ☒ Hit Count ☐ Side by Side ☐ Image

Search
Clear
Interrupt

Search History

DATE: Friday, February 04, 2005 [Printable Copy](#) [Create Case](#)

<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
side by side			
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>			
<u>L62</u>	(scraper) same (solenoid) same (pipe or tube)	240	<u>L62</u>
<u>L61</u>	solenoid operated scraper	0	<u>L61</u>
<u>L60</u>	magnet\$7 operated scraper	0	<u>L60</u>
<u>L59</u>	magnet outside pipe	14	<u>L59</u>
<i>DB=USPT; PLUR=YES; OP=ADJ</i>			
<u>L58</u>	6484490.pn.	1	<u>L58</u>
<u>L57</u>	6081729.pn.	1	<u>L57</u>
<u>L56</u>	5460041.pn.	1	<u>L56</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>			
<u>L55</u>	solenoid around pipe	1	<u>L55</u>
<u>L54</u>	solenoid outside pipe	0	<u>L54</u>
<u>L53</u>	L52 and (solenoid outside or solenoid around)	0	<u>L53</u>

<u>L52</u> (pipe) same (scraper) and (solenoid or coil)	1353	<u>L52</u>
<u>L51</u> L50 and "solenoid"	11	<u>L51</u>
<u>L50</u> L49 and "scraper"	357	<u>L50</u>
<u>L49</u> 15/93.1	1522	<u>L49</u>

DB=USPT; PLUR=YES; OP=ADJ

<u>L48</u> L16 and L17 and L18 and L19 and L20 and L21 and L22 and L23 and L24 and L25 and L26 and L27 and L28 and L30 and L29 and "solenoid"	0	<u>L48</u>
<u>L47</u> 5308162.pn.	1	<u>L47</u>
<u>L46</u> 4955924.pn.	1	<u>L46</u>
<u>L45</u> 6553602.pn.	1	<u>L45</u>
<u>L44</u> 6615710.pn.	1	<u>L44</u>
<u>L43</u> 4600444.pn.	1	<u>L43</u>
<u>L42</u> 4912799.pn.	1	<u>L42</u>
<u>L41</u> 5600862.pn.	1	<u>L41</u>
<u>L40</u> 4663794.pn.	1	<u>L40</u>

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

<u>L39</u> solenoid around pipe	1	<u>L39</u>
<u>L38</u> (pipe) same (scraper) same (solenoid)	155	<u>L38</u>
<u>L37</u> (pipe scraper) same (solenoid)	2	<u>L37</u>
<i>DB=USPT; PLUR=YES; OP=ADJ</i>		
<u>L36</u> 6416261.pn.	1	<u>L36</u>
<u>L35</u> 5755970.pn.	1	<u>L35</u>
<u>L34</u> 5300151.pn.	1	<u>L34</u>
<u>L33</u> 4437968.pn.	1	<u>L33</u>
<u>L32</u> 4182444.pn.	1	<u>L32</u>
<u>L31</u> (sight glass or sight window) same (wiper) same (sensor or detector or pyrometer)	1	<u>L31</u>

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

<u>L30</u> (sight glass or sight window) same (wiper) same (sensor or detector)	2	<u>L30</u>
<i>DB=USPT; PLUR=YES; OP=ADJ</i>		
<u>L29</u> 6206978.pn.	1	<u>L29</u>
<u>L28</u> 5884711.pn.	1	<u>L28</u>
<u>L27</u> 4827770.pn.	1	<u>L27</u>
<u>L26</u> 4543191.pn.	1	<u>L26</u>
<u>L25</u> 4135642.pn.	1	<u>L25</u>
<u>L24</u> 4114038.pn.	1	<u>L24</u>
<u>L23</u> 4103552.pn.	1	<u>L23</u>
<u>L22</u> 4092858.pn.	1	<u>L22</u>

<u>L21</u> 4037471.pn.	1	<u>L21</u>
<u>L20</u> 3839085.pn.	1	<u>L20</u>
<u>L19</u> 3834232.pn.	1	<u>L19</u>
<u>L18</u> 2812921.pn.	1	<u>L18</u>
<u>L17</u> 2765660.pn.	1	<u>L17</u>
<u>L16</u> 2206006.pn.	1	<u>L16</u>
<u>L15</u> 261234.pn.	0	<u>L15</u>

*DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES;
OP=ADJ*

<u>L14</u> temperature sensi\$4 window	16	<u>L14</u>
<u>L13</u> sensor window	1054	<u>L13</u>
<u>L12</u> L11 and (pipe or wall)	226	<u>L12</u>
<u>L11</u> wear sensor	858	<u>L11</u>
<u>L10</u> temperature sensitive liner	1	<u>L10</u>
<u>L9</u> 15/93.1	1522	<u>L9</u>
<u>L8</u> L5 and (scrap\$4 or scrub\$4 or foul\$4 remove\$3 or deposi\$3 remov\$3 or build up remov\$3)	5	<u>L8</u>
<u>L7</u> L5 and (scrap\$4 or scrub\$4 or foul\$4 remove\$3)	5	<u>L7</u>
<u>L6</u> L5 and L4	115	<u>L6</u>
<u>L5</u> temperature sens\$4 wall or temperature sens\$4 sleeve or temperature sens\$4 insulati\$2 or temperature sens\$4 jacket or temperature sens\$4 shield or temperature sens\$4 cover\$3 or temperature sens\$4 liner	338	<u>L5</u>
<u>L4</u> L3 and (scrap\$3 or scrub\$3 or remov\$3)	115	<u>L4</u>
<u>L3</u> temperature sens\$4 wall or temperature sens\$4 sleeve or temperature sens\$4 insulati\$2 or temperature sens\$4 jacket or temperature sens\$4 shield or temperature sens\$4 cover\$3	334	<u>L3</u>
<u>L2</u> temperature protective shield	1	<u>L2</u>
<u>L1</u> remov\$3 fouli\$3 build up	0	<u>L1</u>

END OF SEARCH HISTORY